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Margaret A. Pruitt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Rocco DiFoggio	§	Docket No: 584-30872-US
	§	
Serial No: 10/798,686	§	Art Unit: 3672
	§	
Filed: March 11, 2004	§	Examiner: Christine Sung
	§	
Title: "Method and Apparatus for Downhole Quantification of Methane Using Near Infrared Spectroscopy"	§	Confirmation No.: 6263
	§	

MS: AMENDMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NON- FINAL OFFICE ACTION DATED MARCH 23, 2006

This is in response to the Office Action, dated March 23, 2006 for the above-identified patent application.

Amendments to the application begin at page 2.

Amendments to the Claims begin at page 2.

Remarks begin at page 9.